



Australian Government

FPI40311 Certificate IV in Timber Truss and Frame Manufacture

Release 4

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Modification History

Release 4

Two imported units of competency updated:

- Elective unit HLTAID006 replaces HLTFA412A
- Elective unit HLTAID008 replaces HLTFA403C

Release 2

Imported units added to elective bank:

- MSS015011A
- MSS405070A

Imported units updated to current versions:

- BSBPMG415A replaces BSBPMG407A – Not equivalent
- BSBPMG522A replaces BSBPMG510A – Equivalent
- CPCCCA3006B replaces CPCCCA3006A – Equivalent
- HLTFA412A replaces HLTFA402C – Not equivalent
- MSS404050A replaces MSACMT450A – Equivalent, new prerequisite unit
- MSS404060A replaces MSACMT460A – Not equivalent

Release 1.1

Eleven imported units of competency updated:

- BSBCUS401B replaces BSBCUS401A - Equivalent
- BSBCUS501C replaces BSBCUS501B - Equivalent
- BSBITS401B replaces BSBITS401A - Equivalent
- CUVDES405A replaces CUVDSP15B - Equivalent
- HLTFA403C replaces HLTFA403A - Equivalent
- MSS403010A replaces MSACMC410A - Equivalent
- MSS403001A replaces MSACMS400A - Equivalent
- MSS402050A replaces MSACMT250A - Equivalent
- MSS404082A replaces MSACMT482A - Equivalent
- TAEASS401B replaces TAEASS401A - Equivalent
- TAEASS402B replaces TAEASS402A - Equivalent

Description

This qualification is designed for job roles in the timber truss and frame sector of the forest and forest products industry.

Pathways Information

This qualification has one employment pathway for typical operational environments of timber truss and frame. This is:

- Production Supervisor (Timber Truss & Frame)

Entry may be gained through progression from a lower level FPI qualification or recognition of existing industry experience or qualifications.

This qualification may be suited to an Australian Apprenticeship pathway.

Licensing/Regulatory Information

Native FPI units may be subject to state or territory licensing, legislative, regulatory or certification requirements.

Some imported units in the elective bank may be subject to state or territory codes, regulations, licences and/or permits. These units must be implemented in line with the licensing requirements outlined in the unit's parent Training Package.

Entry Requirements

There are no entry requirements.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.

| Employability Skill | Industry/enterprise requirements for this qualification include: |
|---------------------------|--|
| Communication | <ul style="list-style-type: none"> Record and report quality and product care procedures Interact appropriately with colleagues and others in the workplace Use culturally appropriate communication skills |
| Teamwork | <ul style="list-style-type: none"> Facilitate the development of the workgroup Determine team development needs |
| Problem-solving | <ul style="list-style-type: none"> Identify problems, environmental issues and equipment faults and demonstrate appropriate response procedures Assess and rectify problems to avoid loss of product Identify and implement improvements in learning arrangements |
| Initiative and enterprise | <ul style="list-style-type: none"> Identify resources and timelines required for learning activities Conduct progress reviews Monitor material grading for best end use |
| Planning and organising | <ul style="list-style-type: none"> Monitor and record organisational environmental goals Plan product recovery to optimise resource value and minimise waste Coordinate and monitor quality of output |
| Self-management | <ul style="list-style-type: none"> Monitor tasks in accordance with legislative requirements Organise duties, equipment and materials in accordance with SHE requirements |
| Learning | <ul style="list-style-type: none"> Identify and implement learning and development needs Provide workplace learning opportunities Provide coaching and mentoring assistance |
| Technology | <ul style="list-style-type: none"> Monitor machinery and equipment maintenance |

Packaging Rules

Total number of units = 17

- 3 core units plus
- 14 elective units, consisting of:
 - up to 14 units from the elective units listed below
 - up to 3 units recommended for packaging at Certificate III, IV or Diploma level from this or any other endorsed Training Package or state/territory accredited course.

Elective units must be relevant to work undertaken in the timber processing and production sectors of the industry, including sawmilling and processing, wood panel products, timber manufactured products and timber merchandising

CORE UNITS

| Field | Unit Code | Unit Title |
|-------|-------------|--|
| Core | FPICOR4201B | Monitor safety, health and environment policies and procedures |
| | FPICOR4203B | Monitor quality and product care procedures |
| | BSBLED401A | Develop teams and individuals |

ELECTIVE UNITS

| Field | Unit Code | Unit Title |
|--------|-------------|--|
| Forest | FPICOT3239B | Create drawings using computer aided design systems |
| | FPICOT4202B | Design timber structures |
| | FPICOT4203B | Plan and coordinate product assembly |
| | FPITMM4201B | Construct prototypes and samples |
| | FPITMM4202B | Diagnose and calculate production costs |
| | FPITMM4203B | Install and commission CNC software |
| | FPITMM4205A | Prepare and advise on a broad range of timber roof truss details using computers |
| | FPITMM4206A | Prepare and advise on a broad range of timber floor system details using computers |
| | FPITMM4207A | Prepare and advise on a broad range of timber wall frame details using computers |

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|---------------------------------------|--------------|---|
| Business | BSBCMM401A | Make a presentation |
| | BSBCUS401B | Coordinate implementation of customer service strategies |
| | BSBCUS501C | Manage quality customer service |
| | BSBINM401A | Implement workplace information system |
| | BSBITS401B | Maintain business technology |
| | BSBLED501A | Develop a workplace learning environment |
| | BSBMGT402A | Implement operational plan |
| | BSBPMG415A | Apply project risk-management techniques |
| | BSBPMG522A | Undertake project work |
| Construction | CPCCBC4001A | Apply building codes and standards to the construction process for low rise building projects |
| | CPCCBC4004A | Identify and produce estimated costs for building and construction projects |
| | CPCCBC4005A | Produce labour and material schedules for ordering |
| | CPCCBC4024A | Resolve business disputes |
| | CPCCCA3006B | Erect roof trusses |
| | CPCCSV5010A | Interact with clients in a regulated environment |
| | CPCCOHS2001A | Apply OHS requirements, policies and procedures in the construction industry |
| | CPCSUS4001A | Implement and monitor environmentally sustainable work practices |
| Visual Arts, Crafts and Design | CUVDES405A | Research and apply techniques in spatial design |

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|--------------------------|--------------|--|
| Health and Safety | HLTAID006 | Provide advanced first aid |
| | HLTAID008 | Manage first aid services and resources |
| Manufacturing | MSAPMOPS404A | Co-ordinate maintenance |
| | MSAPMSUP390A | Use structured problem solving tools |
| | MSS015011A | Conduct a sustainability energy audit |
| | MSS402050A | Monitor process capability |
| | MSS403001A | Implement competitive systems and practices |
| | MSS403010A | Facilitate change in an organisation implementing competitive systems and practices |
| | MSS404050A | Undertake process capability improvements (*Prerequisite: <i>MSS404052A Apply statistics to operational processes</i>) |
| | MSS404060A | Facilitate the use of planning software systems in a work area or team |
| | MSS404082A | Assist in implementing a proactive maintenance strategy |
| Training | MSS405070A | Develop and manage sustainable energy practices |
| | TAEASS401B | Plan assessment activities and processes |
| | TAEASS402B | Assess competence |
| | TAEDEL401A | Plan, organise and deliver group-based learning |
| | TAEDEL402A | Plan, organise and facilitate learning in the workplace |